



## Editorial: The 9th International Conference on Environmental Catalysis (ICEC)



The 9<sup>th</sup> International Conference on Environmental Catalysis (ICEC) was held at Newcastle City Hall, Australia from 10<sup>th</sup> July 2016 to 13<sup>th</sup> July 2016. The ICEC is a bi-annual meeting which focuses on recent technical developments and challenges in the area of environmental catalysis. It was held for the first time in Australia and followed successful conferences in Pisa (1995), Miami Beach (1998), Tokyo (2001), Heidelberg (2005), Belfast (2008), Beijing (2010), Lyon (2012) and Ashville (2014). The 9<sup>th</sup> ICEC was chaired by Prof. Michael Stockenhuber, University of Newcastle, Australia. The conference was attended by over 310 participants from academia and industry representing both applied and fundamental research. Researchers participated in all activities and the oral presentations, keynotes plenaries and posters stimulated discussion amongst the participants.

398 papers were presented as oral and as poster presentations. There were three plenary lectures by Professor Johannes Lercher (TU Munich), Professor Maria Flytzani-Stephanopoulos (Tufts University) and Prof. Xinhe Bao (Chinese Academy of Sciences). There were 204 oral presentations of which 6 were keynote lectures. 194 Posters were presented in two sessions.

The 9<sup>th</sup> ICEC provided a unique opportunity for Australian and international researchers to present and discuss the recent advances in environmental catalysis. The interaction of fundamental science and industrial applications in environmental catalysis was particularly promoted. The following five main topics were covered at the conference:

- Sustainable and clean energy production
- Emission control
- Green Engineering and Chemistry
- Water treatment
- Indoor air cleaning

The quality of the abstract submissions was very high and oral and poster presentations were selected in a peer review process. The technical and scientific standard of both oral and poster presentations was of the highest quality and the scientific committee invited presenters from both the oral and poster presentation cohort to submit manuscripts to Applied Catalysis B. The 27 manuscripts presented here in the special issue '*Environmental Catalysis 9<sup>th</sup> ICEC Newcastle, Australia*' of Applied Catalysis B were accepted after a rigorous peer-review procedure which is standard for papers accepted in Applied Catalysis B.

The scientific committee would like to express the sincere gratitude to authors for their timely and high quality submissions and the referees for their tireless work in assessing the submitted papers.

I would also like to thank Dr. Robert McCabe and his editorial team at Applied Catalysis B and Dr Chen Lin from Elsevier for their invaluable, continuous and excellent support during the process of publishing the papers related to 9<sup>th</sup> ICEC 2016 in Newcastle, Australia.

With best regards

Prof. Michael Stockenhuber  
Chemical Engineering The University of Newcastle, Australia